



FORM PTO 1449 US Department of Commerce Patent and Trademark Office Sheet 1 of 1			Application Number	09/964270
			Filing Date	September 26, 2001
			First Named Inventor	Michael A. Guillorn, et al.
			Group Art Unit	2879
			Examiner Name	Unknown
			Attorney Docket Number	UBAT1340-1
Examiner Initials	Cite No.	OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		Date
KQ	C1	Guillorn, et al., "Operation of a gated field emitter using an individual carbon nanofiber cathode," Applied Physics Letters, Vol. 79, No. 21, pp. 3506-3508.		November 19, 2001
KQ	C2	Baylor, et al., "Field emission from isolated individual vertically aligned carbon nanocones" Journal of Applied Physics, Vol. 91, No. 7, pp. 4602-4606.		April 1, 2002
KQ	C3	Yahachi et al., "Field Emission Patterns from Single-Walled Carbon Nanotubes," Japan Journal Applied Physics, Vol. 36, pp. 1340-1342.		October 1, 1997
KQ	C4	Matsumoto, et al., "Ultralow biased field emitter using single-wall carbon nanotube directly grown onto silicon tip by thermal chemical vapor deposition," Applied Physics Letters, Vol. 78, No. 4, pp. 539-540.		January 22, 2001
KQ	C5	Guillorn, et al., "Fabrication of gated cathode structures using an <i>in situ</i> grown vertically aligned carbon nanofiber as a field emission element", Journal of Vacuum Science, pp. 573-578.		Mar/Apr. 2001
KQ	C6	Rinzler, et al., "Unraveling Nanotubes: Field Emission from an Atomic Wire" available at www.jstor.org , pp. 1550-1553.		May 9, 2002
KQ	C7	Merkulov, et al., "Patterned growth of individual and multiple vertically aligned carbon nanofibers," Applied Physics Letters, Vol. 76, No. 24, pp. 3555-3557.		June 12, 2000
KQ	C8	Xueping, et al., "A method for fabricating large-area, patterned, carbon nanotube field emitters," Applied Physics Letters, Vol. 74, No. 17, pp. 2549-2551.		April 26, 1999
KQ	C9	Merkulov, et al., "Scanned-probe field-emission studies of vertically aligned carbon nanofibers" Journal of Applied Physics, Vol. 89, No. 3, pp. 1933-1937.		February 1, 2001
KQ	C10	Bonard, et all, "Field emission from single-wall carbon nanotube films" Applied Physics Letters, Vol. 73, No. 7, pp. 918-920		August 17, 1998
KQ	C11	Xueping, et al., "Carbon Nanotube-based vacuum microelectronic gated cathodes" Material Research Society Symposium, Vol. 509, pp. 107-109.		Oct 10 1998 2002
KQ	C12	Dean, et al., "The environmental stability of field emission from single-walled carbon nanotubes" Applied Physics Letters, Vol. 75, No. 19, pp. 3017-3019.		November 8, 1999
KQ	C13	Wang, et al., "Flat panel display prototype using gated carbon nanotube field emitters," Applied Physics Letters, Vol. 78, No. 9, pp. 1294-1296.		February 26, 2001
KQ	C14	Lee, et al., "Realization of Gated Field Emitters for Electrophotonic Applications Using Carbon Nanotube Line Emitters Directly Grown into Submicrometer Holes," Advanced Materials Communications, Vol. 13, No. 7, pp. 479-482.		April 4, 2001
KQ	C15	Guillorn, et al. "Microfabricated field emission devices using carbon nanofibers as cathode elements", Journal of Vacuum Science Technology B19(6), pp. 2598-2601.		Nov/Dec. 2001
Examiner Signature				Date Considered 12/30/03